AEE/SSD/SBR/140/16-17. dt. 22/12/16

Original/Duplicate/Triplicate

No. First & Part bill-(1)

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division

Sub-Division

Bill Received No. 553 Dated 29-12-2016

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **IMPROVEMENTS AND ASPHALTING OF WARD ROADS & CONNECTING ROADS IN WARD NO. 12 & 13 OF SHETTYHALLI SUB DIVISION DASARAHALLI ZONE. PACKAGE NO. DZ 2015-16-(01)**

Name of Contractor and Full Address **SRI. MURALISWAMY**

Reference to Agreement No. **EE/DD/PACKAGE /WO/ 77 / 2016-17** Date: **03.10.2016**

Certified that the measurements were taken by me on 22.12.2016 and recorded in pages 4160647 - 4160671 of measurements Book No. 4161/15-16 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 22/12/2016 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **JOB NO : 012-16-000017 TO 24 013-16-000016 TO 21 AND 25 TO 27**

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments :	1st and Part Bill Amount- 3713841=00
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	IT - 371384=00
	Amount adjusted towards cash advance recovery of	VAT - 1485537=00
	b) Payments cost store or other materials supplied.	LWC - 37138=00
5.	Balance being unpaid value of work done held in reserve	CBF - 37138=00
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	Roy - 382384=00 (-) 2647827=00
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	Net Amount - 3449058=00
	Total --	
	Total amount adjusted --	

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

Witness : (In final settlement of all demand)

1.

2.

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

(For use in the Office)

Audited and admitted for Rs. 3713841=00

Passed by Cheque for Rs. 3449058=00

(.....

.....

by adj... 2647827=00

30/12/2016

Accounts Superintendent

Executive Engineer

B.B.M.P. Dasarahalli Division

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Removing B.S.Slabs and stacking etc complete.complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	–
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	2750.00	164.00	451000.00	2750.00	451000.00	
3	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	422.00	4718.00	1990996.00	422.00	1990996.00	
4	Refixing stone slabs of drains and pointing in C.M (1:3)complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	
5	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doirections of the Enineer-in-charge. {Data Rate sheet enclosed} complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	2497.00	1677.00	4187469.00	2497.00	4187469.00	
6	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In- Charge. (Data Rate enclosed) complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	
7	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	
8	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	–	–	–	–	–	
9	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specfication &	Sqm	–	–	–	–	–	–	–	
10	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 3.5 Newton per sq mm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	
11	Providing and laying in position plain cement concrete cum of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and ciils, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	45.00	5056.00	227520.00	45.00	227520.00	
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	11889.60	282.00	3352867.00	11889.60	3352867.00	
13	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specfication & as per direction of Engineer-in-charge	Tonne	–	–	66.16	64290.00	4253426.00	66.16	4253426.00	
14	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mix concrete(RMC) for RCC works laid in 15 cms thick layers and well conpacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exlusive of cost of steel and fabrication charges) Ready mix concrete M-20 for raft foundation, coulmn and footing, main ans secondary beams complete as per specfication & as per direction of	Cum	–	–	1545.00	5831.00	9008895.00	1545.00	9008895.00	
15	Scarifying bituminous course 50mm to 75mm thick along with premix carpet /surface dressing by road roller attached with scarifier without disturbing the base and stavkung the debris including cost of all labour charges, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	

16	Earth work in soil with hydraulic excavator of 0.9 cu.m. bucket capacity including cutting and loading in tippers, trimming bottom and side slopes. In accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	2887.96	132.00	381210.72	2887.96	381210.72	–
17	Construction of granular sub-base of Grading II Material by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Methodcomplete as per specfication & as per direction of Engineer-in-charge	cum	–	–	1136.01	1494.00	16971894	1136.01	16971898.94	
18	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	9070.16	4.00	36280.64	9070.16	36280.64	
19	Providing, laying, spreading and compacting graded stone aggreate to wet mix mecadam specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achive the desired density complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	1732.90	1578.00	2734516.20	1732.90	2734516.20	
20	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	9070.16	29.00	263034.64	9070.16	263034.64	
21	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	13169.66	3.00	39508.98	13169.66	39508.98	
22	Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	21754.82	13.00	282812.66	21754.82	282812.66	
23	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509.complete as per specfication & as per direction of Engineer-in-charge	Cum	–	–	896.97	9100.00	8162427.00	896.97	8162427.00	
24	Providing and fixing Precast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. Of size 450 x 150 x 400 mm. complete as per specfication & as per direction of Engineer-in-charge	No	–	–	–	–	–	–	–	
25	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, labour complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Sqm	–	–	–	–	–	–	–	
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sq.m. area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC :35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. complete as per specfication & as per direction	Sqm	–	–	159.20	435.00	69252.00	159.20	69252.00	
	Total						37138415=00		37138415=00	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

Passed by Director for Payment

Rs. 37138415=00

Rs. N.K.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು